

## Задание 1.1. ИСР.

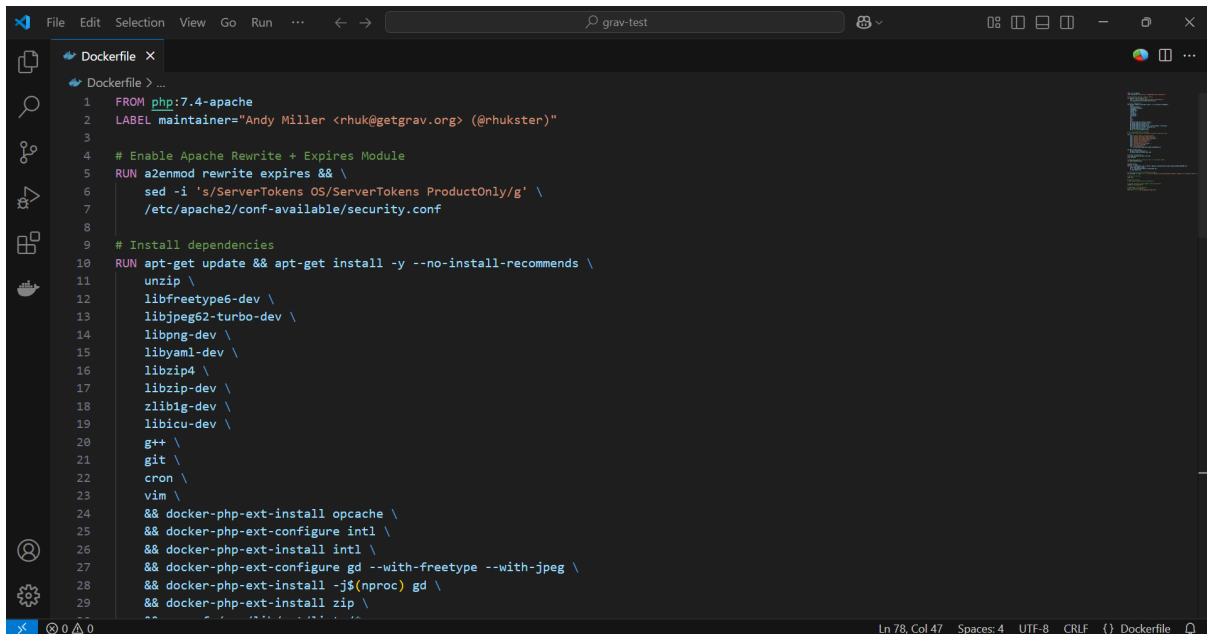
### Задание:

Провести инсталляцию программного обеспечения.

На основе материалов, опубликованных в примечаниях к заданию, установить необходимое ПО. В отчете поэтапно продемонстрировать процесс установки (в виде набора скриншотов) с ключевыми моментами установки.

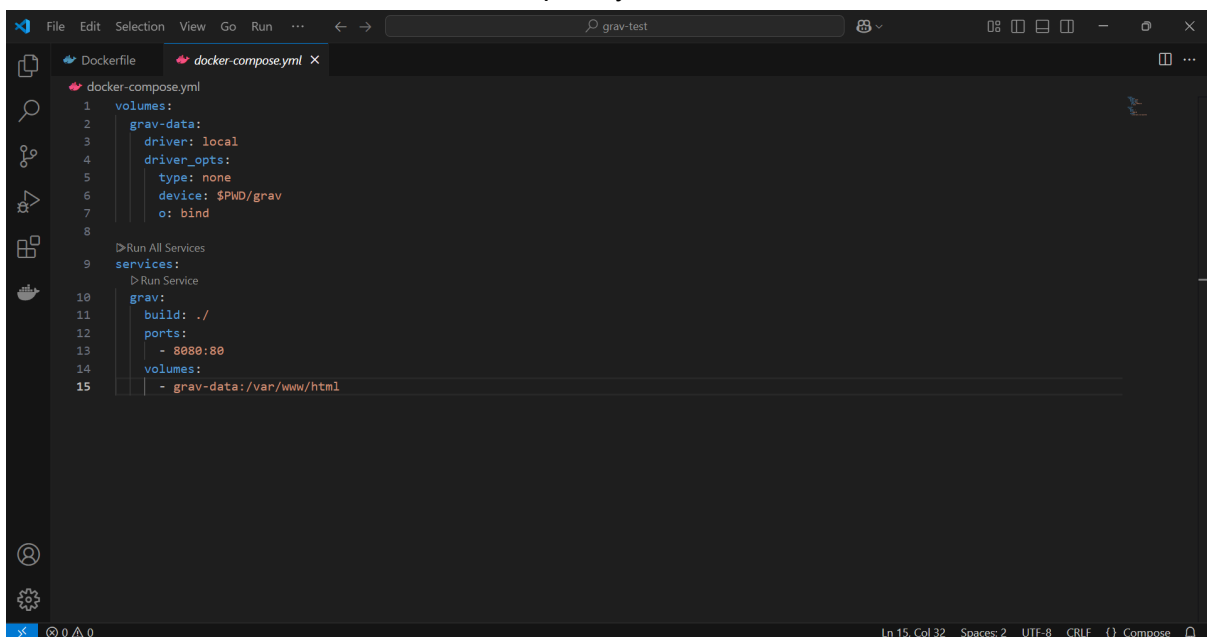
### Реализация:

#### 1. Создать и заполнить Dockerfile:



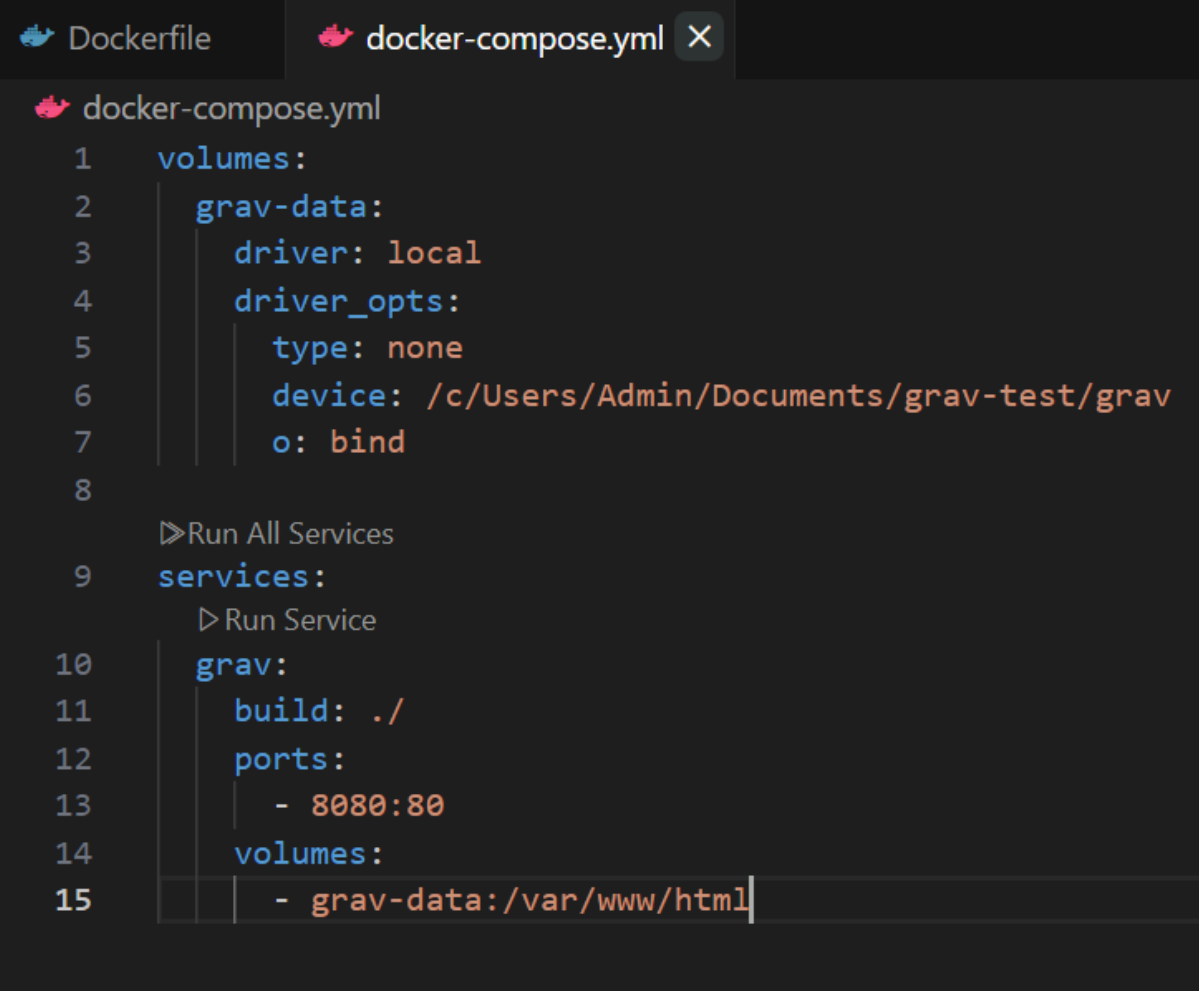
```
1 FROM php:7.4-apache
2 LABEL maintainer="Andy Miller <rhuk@getgrav.org> (@rhukster)"
3
4 # Enable Apache Rewrite + Expires Module
5 RUN a2enmod rewrite expires && \
6     sed -i 's/ServerTokens OS/ServerTokens ProductOnly/g' \
7     /etc/apache2/conf-available/security.conf
8
9 # Install dependencies
10 RUN apt-get update && apt-get install -y --no-install-recommends \
11     unzip \
12     libfreetype6-dev \
13     libjpeg62-turbo-dev \
14     libpng-dev \
15     libyaml-dev \
16     libzip4 \
17     libzip-dev \
18     zlib-dev \
19     libicu-dev \
20     g++ \
21     git \
22     cron \
23     vim \
24     && docker-php-ext-install opcache \
25     && docker-php-ext-configure intl \
26     && docker-php-ext-install intl \
27     && docker-php-ext-configure gd --with-freetype --with-jpeg \
28     && docker-php-ext-install -j$(nproc) gd \
29     && docker-php-ext-install zip \
30     &&
```

#### 2. Создать и заполнить docker-compose.yml:



```
1 volumes:
2   grav-data:
3     driver: local
4     driver_opts:
5       type: none
6       device: $PWD/grav
7       o: bind
8
9 services:
10   grav:
11     build: ./
12     ports:
13       - 8080:80
14     volumes:
15       - grav-data:/var/www/html
```

Исправлена строка device:



The screenshot shows a code editor with two tabs: 'Dockerfile' and 'docker-compose.yml'. The 'docker-compose.yml' tab is active, displaying a YAML configuration for a service named 'grav'. The configuration includes a 'volumes' section with a 'grav-data' volume defined with 'driver: local', 'driver\_opts: {type: none, device: /c/Users/Admin/Documents/grav-test/grav, o: bind}', and a 'services' section for 'grav' with 'build: ./', 'ports: - 8080:80', and 'volumes: - grav-data:/var/www/html'.

```
1  volumes:
2    grav-data:
3      driver: local
4      driver_opts:
5        type: none
6        device: /c/Users/Admin/Documents/grav-test/grav
7        o: bind
8
9    > Run All Services
10   services:
11     > Run Service
12     grav:
13       build: ./
14       ports:
15         - 8080:80
16       volumes:
17         - grav-data:/var/www/html
```

### 3. Создать директорию grav

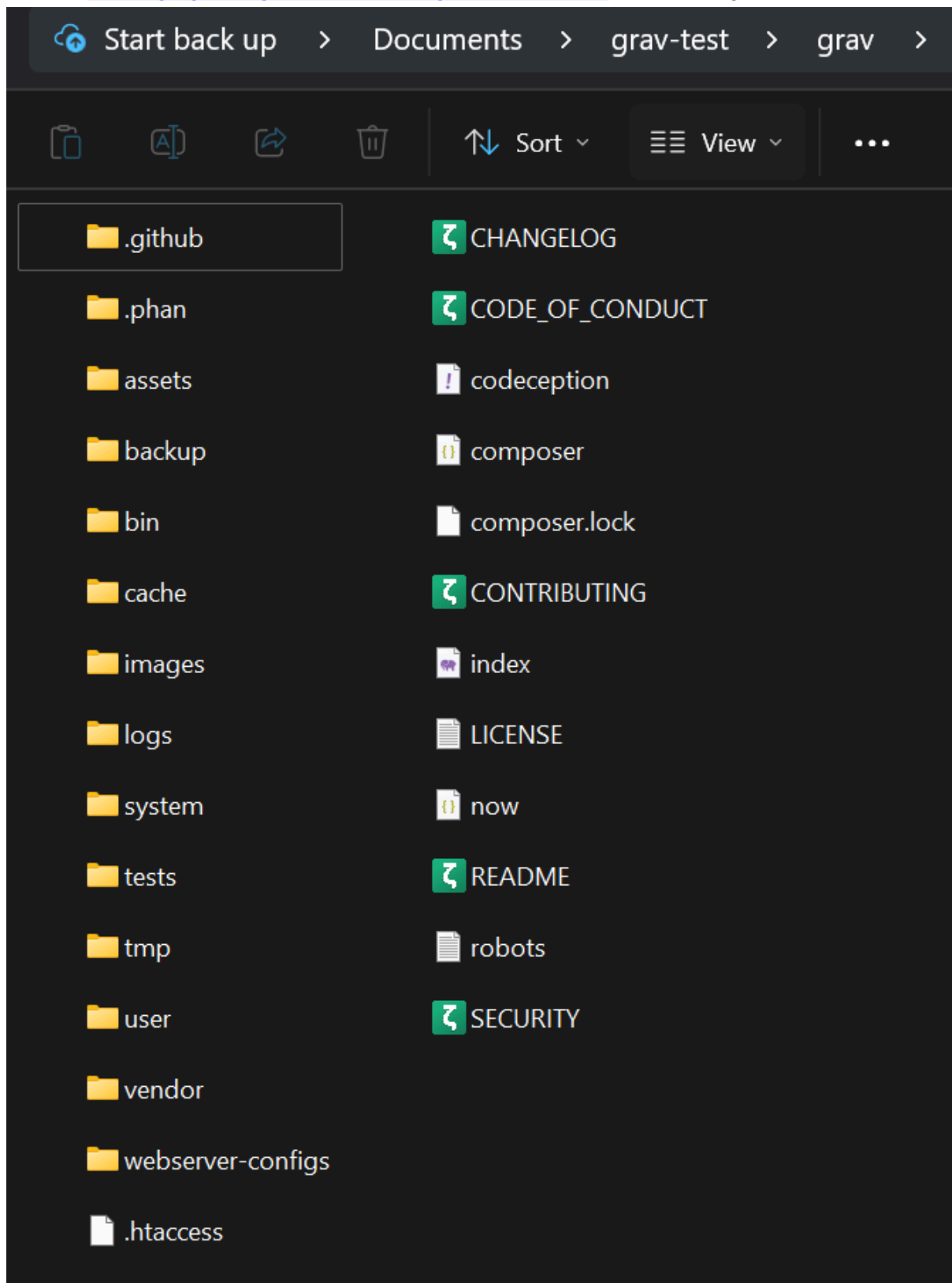
```
PS C:\Users\Admin> cd C:\Users\Admin\Documents\grav-test
PS C:\Users\Admin\Documents\grav-test> mkdir grav
```

Directory: C:\Users\Admin\Documents\grav-test

Mode	LastWriteTime	Length	Name
d----	12/02/2025 16:47		grav

```
PS C:\Users\Admin\Documents\grav-test> |
```

4. Нужно скачать и разархивировать Grav Core with the Admin plugin, at Core v1.7.0 (<https://getgrav.org/download/core/grav-admin/1.7.0>) в каталог grav



```
PS C:\Users\Admin\Documents\grav-test\grav> ls

Directory: C:\Users\Admin\Documents\grav-test\grav

Mode                LastWriteTime         Length Name
----                -
d-----         12/02/2025    17:05             .github
d-----         12/02/2025    17:01             .phan
d-----         12/02/2025    17:01            assets
d-----         12/02/2025    17:03            backup
d-----         12/02/2025    17:05             bin
d-----         12/02/2025    17:02            cache
d-----         12/02/2025    17:02            images
d-----         12/02/2025    17:03            logs
d-----         12/02/2025    17:02            system
d-----         12/02/2025    17:03            tests
d-----         12/02/2025    17:02             tmp
d-----         12/02/2025    17:03            user
d-----         12/02/2025    17:05            vendor
d-----         12/02/2025    17:05    webserver-configs
-a-----         12/02/2025    17:01         3198 .htaccess
-a-----         12/02/2025    17:01     182156 CHANGELOG.md
-a-----         12/02/2025    17:01        298 codeception.yml
-a-----         12/02/2025    17:01       3216 CODE_OF_CONDUCT.md
-a-----         12/02/2025    17:01       4565 composer.json
-a-----         12/02/2025    17:01     231378 composer.lock
-a-----         12/02/2025    17:01       7098 CONTRIBUTING.md
-a-----         12/02/2025    17:01       1875 index.php
-a-----         12/02/2025    17:01       1071 LICENSE.txt
-a-----         12/02/2025    17:01         72 now.json
-a-----         12/02/2025    17:01       7348 README.md
-a-----         12/02/2025    17:01        274 robots.txt
-a-----         12/02/2025    17:01        460 SECURITY.md

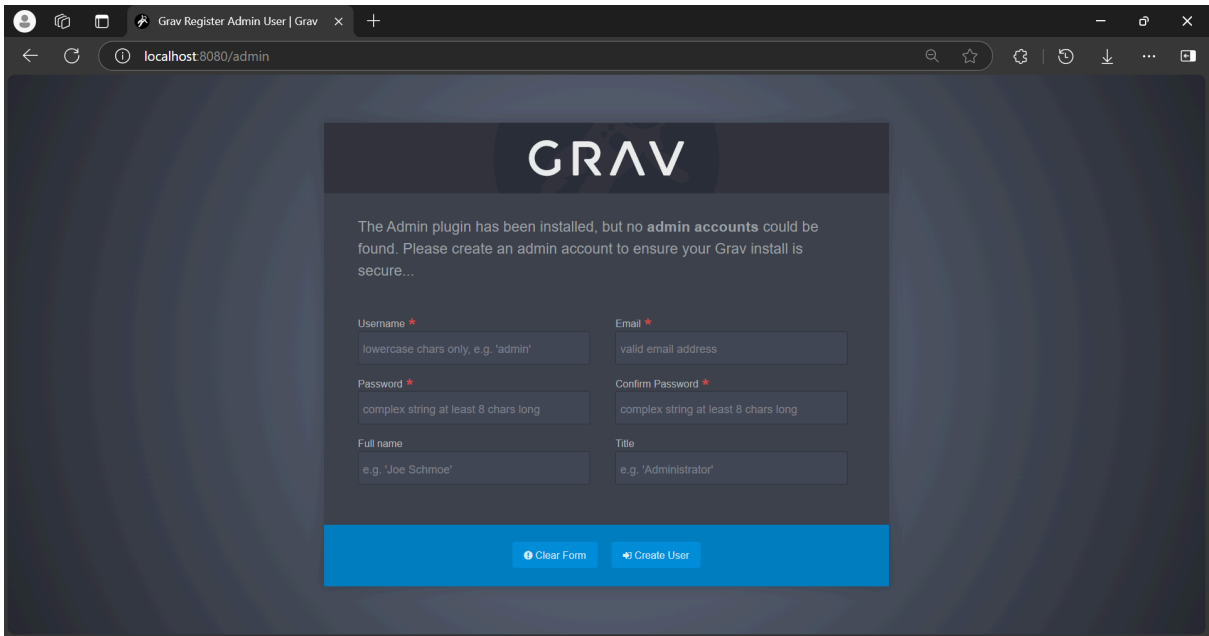
PS C:\Users\Admin\Documents\grav-test\grav> |
```

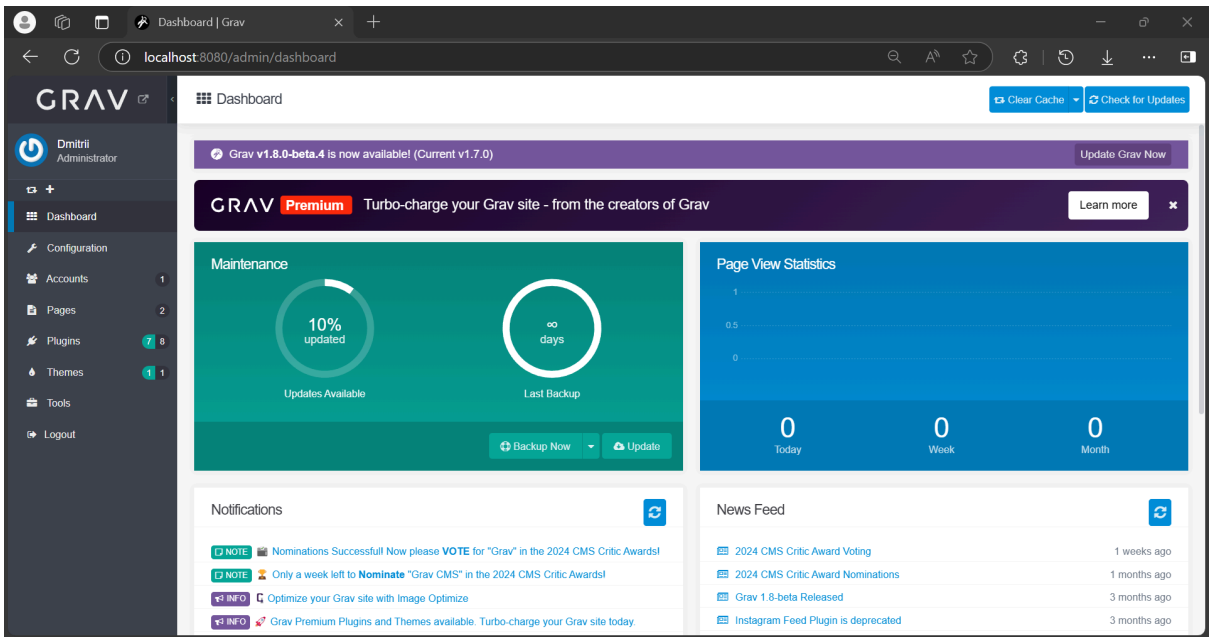
5. Запустить docker-compose:

```
PS C:\Users\Admin> cd C:\Users\Admin\Documents\grav-test
PS C:\Users\Admin\Documents\grav-test> docker-compose up
[+] Building 14s (15/15) FINISHED
=> [grav] resolving platform for metadata file
[+] Running 3/3
  ✔ grav Built
  ✔ Volume "grav-test_grav-data" Created
  ✔ Container grav-test-grav-1 Created
```

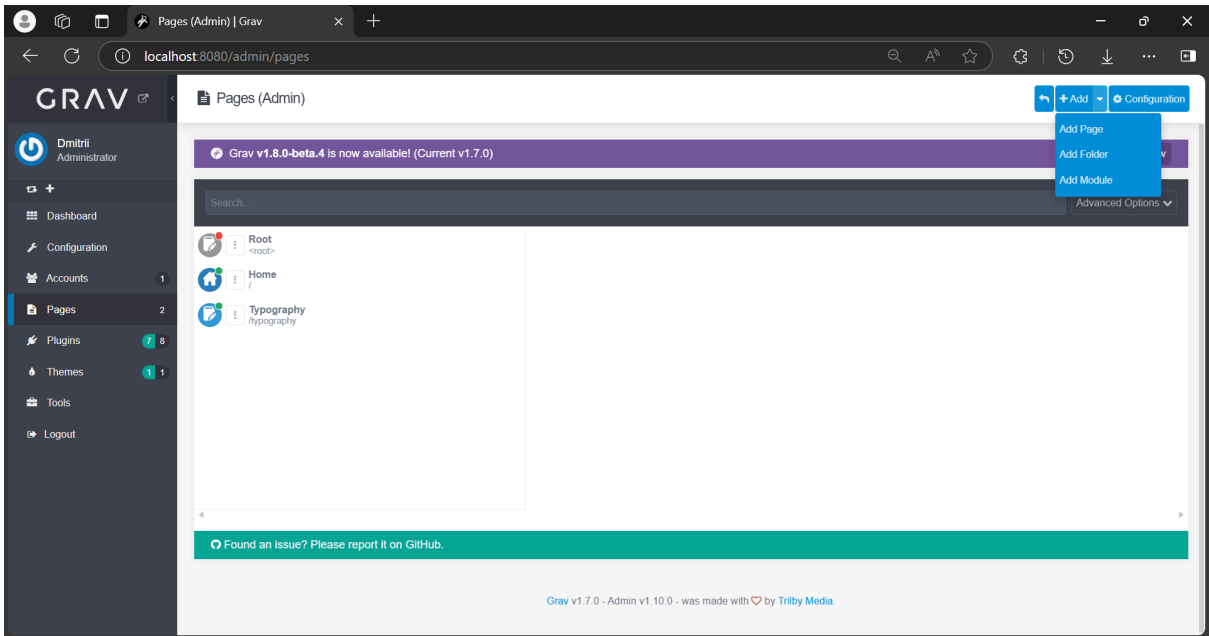
```
PS C:\Users\Admin\Documents\grav-test> docker-compose up
[+] Running 1/1
  ✔ Container grav-test-grav-1 Created
Attaching to grav-1
grav-1 | AH00558: apache2: Could not reliably determine the server's fully qualified domain name, using 172.18.0.2. Set the 'ServerName' directive globally to suppress this message
grav-1 | AH00558: apache2: Could not reliably determine the server's fully qualified domain name, using 172.18.0.2. Set the 'ServerName' directive globally to suppress this message
grav-1 | [Wed Feb 12 14:51:12.840971 2025] [mpm_prefork:notice] [pid 9] AH00163: Apache/2.4.54 (Debian) configured -- resuming normal operations
grav-1 | [Wed Feb 12 14:51:12.841023 2025] [core:notice] [pid 9] AH00094: Command line: 'apache2 -D FOREGROUND'
grav-1 | 172.18.0.1 - - [12/Feb/2025:14:51:27 +0000] "GET /admin HTTP/1.1" 200 24522 "-" "Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/133.0.0.0 Safari/537.36 Edg/133.0.0.0"
grav-1 | 172.18.0.1 - - [12/Feb/2025:14:51:30 +0000] "GET /assets/admin-preset.css?ecd27a3e5b HTTP/1.1" 200 7744 "http://localhost:8080/admin" "Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/133.0.0.0 Safari/537.36 Edg/133.0.0.0"
```

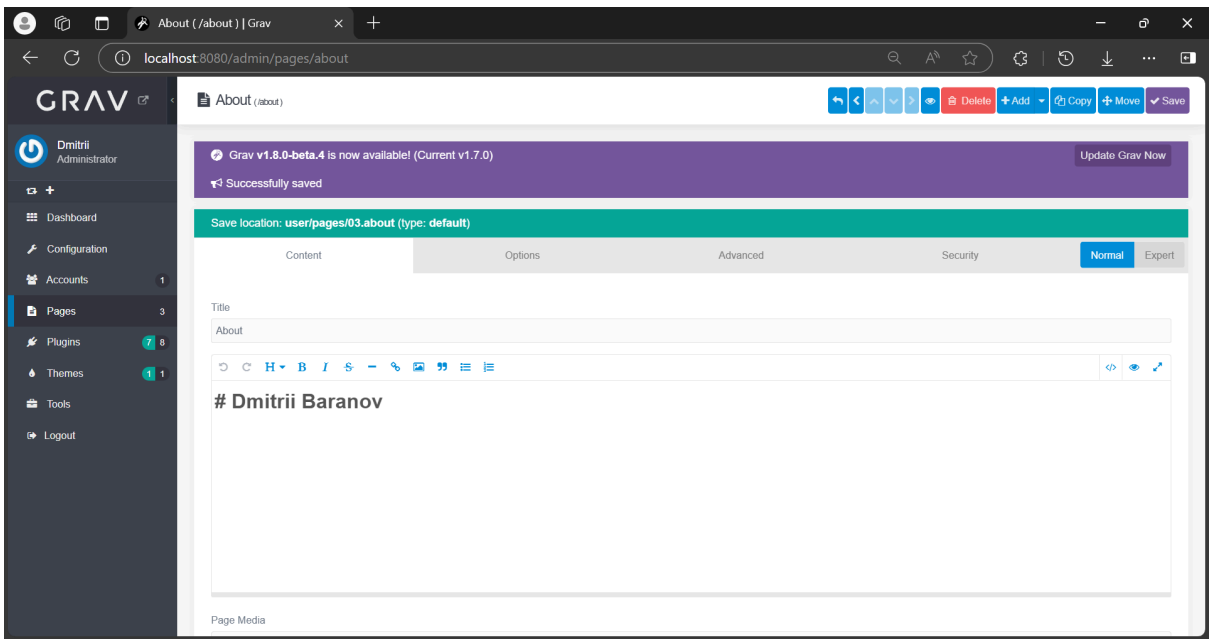
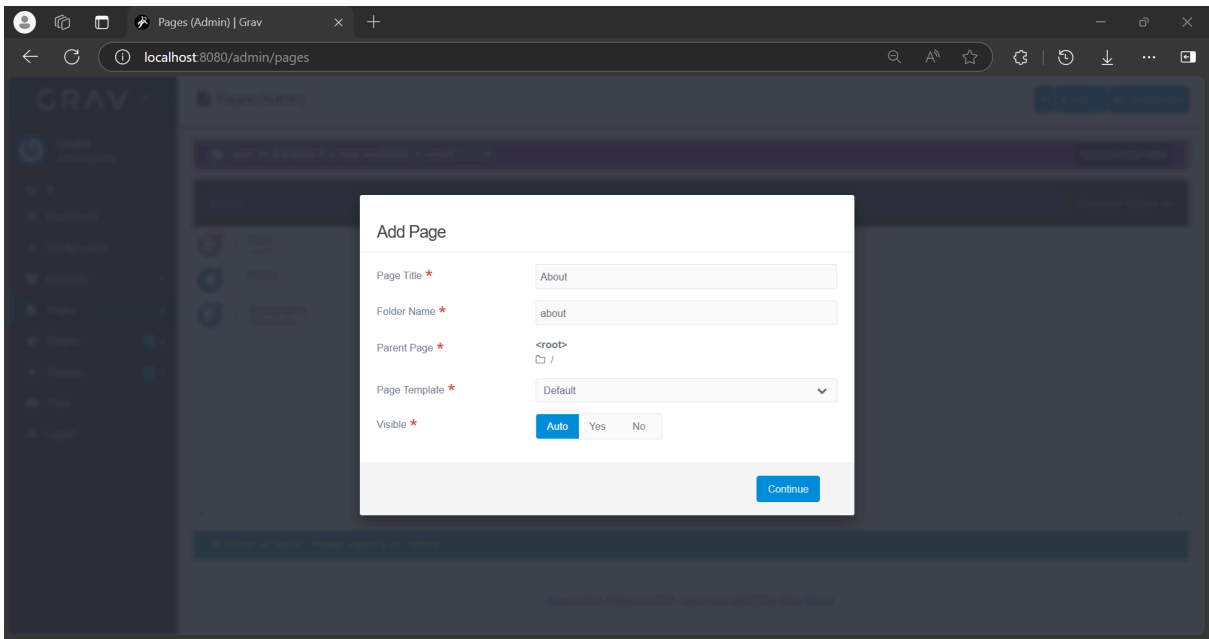
6. Grav



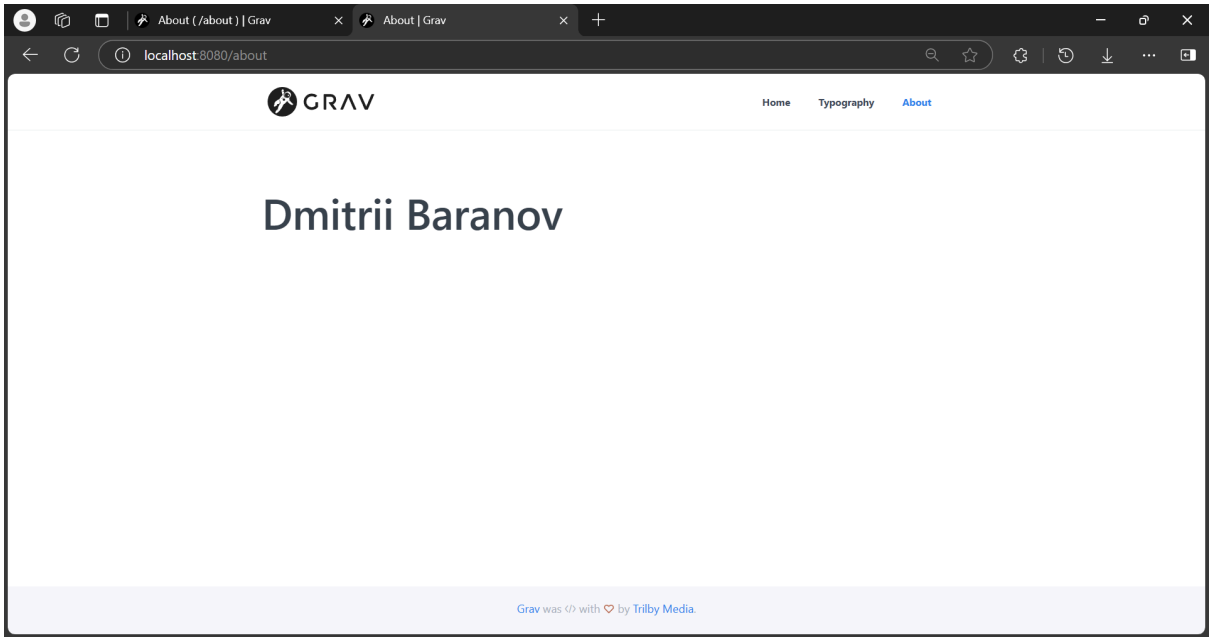


7. Создадим страницу

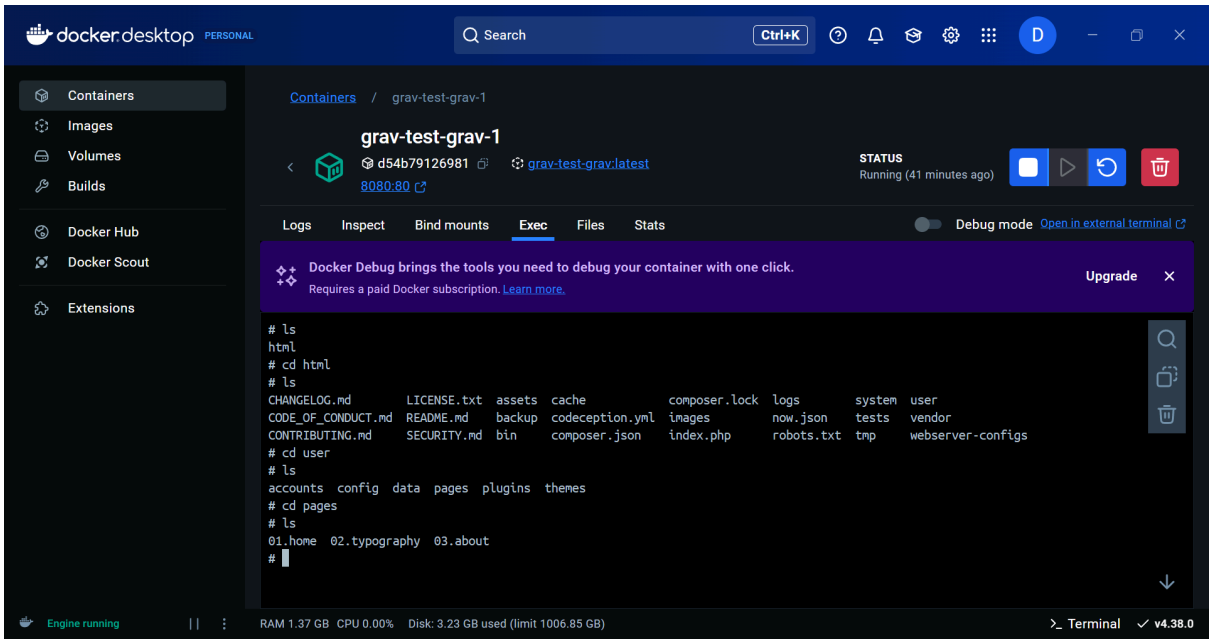




Результат:



Информация из Docker:



Информация из терминала:

